Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-17. (Canceled)

18. (Currently Amended) Optical recording medium comprising first and second substrates wherebetween there is arranged at least one first photosensitive layer comprising a front face for receiving optical ~~radiation,~~radiation for writing and/or reading operations by means of the second ~~substrate,~~substrate; ~~during writing and/or reading operations, medium wherein~~ a first deformable layer, transparent to the optical ~~radiation,~~radiations and comprising a polymer previously cross-linked by a light radiation, ~~is~~ arranged between the first photosensitive layer and the second ~~substrate.~~substrate; wherein

the first photosensitive layer comprises an inorganic material able to be locally deformed by the action of a writing optical radiation and the first deformable layer is a layer able to follow the deformations of the photosensitive layer;

the first substrate comprises a patterned front face comprising raised parts designed to enable writing and reading of the medium on zones arranged above the raised parts; and

the inorganic material is an inorganic material locally deformed in the form of a bubble by the action of a writing optical radiation, wherein the bubble is formed in at least one of the zones arranged above at least one of the raised parts.

19-21. (Canceled)

22. (Currently Amended) Medium according to ~~claim 20,~~ claim 18, wherein the polymer is chosen among silicones.

23. (Previously Presented) Medium according to claim 18 wherein the first deformable layer has a thickness less than or equal to 200 micrometers.

24. (Currently Amended) Medium according to claim 18, ~~wherein the medium comprises~~ further comprising a dielectric layer arranged between the first substrate and the first photosensitive layer.

25. (Currently Amended) Medium according to claim 18, ~~wherein the medium comprises~~further comprising a first metal layer arranged between the first substrate and the first photosensitive layer.

26. (Currently Amended) Medium according to claim 18, ~~wherein the medium comprises~~further comprising a layer protecting against oxidation arranged between the first substrate and the first photosensitive layer.

27. (Currently Amended) Medium according to claim 18, ~~wherein the medium comprises~~further comprising a second metal layer arranged between the first photosensitive layer and the first deformable layer.

28. (Currently Amended) Medium according to claim 27, ~~wherein~~ further comprising a layer protecting against oxidation, transparent to the optical radiation, ~~is~~ arranged between the second metal layer and the first deformable layer.

29. (Currently Amended) Medium according to claim 18, ~~wherein the medium comprises~~further comprising at least one semi-transparent second photosensitive layer, arranged between the first deformable layer and the second substrate, a second deformable layer being arranged between the second photosensitive layer and the second substrate.

30. (Previously Presented) Medium according to claim 29, wherein the second photosensitive layer comprises an inorganic material.

31. (Previously Presented) Medium according to claim 29, wherein the second photosensitive layer comprises a patterned front face.

32. (Previously Presented) Medium according to claim 29, wherein the first deformable layer comprises a patterned front face.

33. (Previously Presented) Medium according to claim 18, wherein the medium is in the form of an optical disc.

34. (Previously Presented) Medium according to claim 18, wherein the medium is in the form of a chip card.

35. (New) Medium according to claim 18, wherein the inorganic material is a zinc telluride alloy with an atomic proportion of 65% of zinc and 35% of tellurium.

36. (New) Medium according to claim 18, wherein a thickness of the deformable layer is greater than a thickness of the photosensitive layer.